

Amendments to the Specification:

Please replace the paragraph beginning at page 2, line 18 as with the following amended paragraph:

Experiments were run to evaluate the use of SDS. The configuration of the equipment was as follows: Multiple parallel capillaries were used. Each capillary had an inner diameter of 50 μm , and outer diameter of 150 μm , and a total length of 50 cm, with an effective length of 40 cm from the sample end to the window detection region through which light from a chromophore associated with the sample, can be detected. Excitation was provided by an all-length 200 mW AR-ion laser shining at the capillaries. A CCD camera configured substantially in the manner disclosed in U.S. Pat. No. 5,998,796, captured the spectra-resolved images. The voltage applied across the capillary ends was +10 kV at the injection end, i.e., +210 kV/cm. The buffer used during electrophoresis was 10 mM borate acid having a pH of 10.5. Finally, the protein sample was injected at the injection end using a vacuum at -0.5 psi for 5 seconds.

Please replace the abstract at page 5 with the following amended abstract:

A method for conducting capillary zone electrophoresis in which a lubricating detergent is added to help prevent sample buildup on the inner walls of the capillary. In a preferred embodiment the lubricating detergent is sodium dodecylsulfate (SDS) in a concentration of about 3 mM added to a protein sample before the sample is introduced into one end of a capillary. The SDS may be added to the buffer, instead of the sample, before electrophoresis.